

**CENTER PLATE ASSEMBLY FOR A RAIL ROAD CAR**

**Abstract of the Disclosure**

5           A railroad car body has a longitudinally extending center sill, and a main bolster  
extending transversely relative to the center sill. A center plate is mounted under the  
center sill at the intersection of the center sill and the main bolster. The center plate seats  
in the center plate bowl of a truck that supports the rail road car body for rolling motion  
along the rail road tracks. The center plate is a casting that has a round peripheral wall  
10   that seats entirely within the center plate bowl. None of the center plate extends beyond  
the round peripheral wall, and none of the center plate overhangs the peripheral  
upstanding steel ring of the center plate bowl wall. The center plate has a continuous  
circumferential welding fillet relief such as may tend more easily to permit automated  
welding. The center plate has a hollow, upstanding truncated central cone member for  
15   accommodating a king pin. The truncated cone stands taller than the rim. A keying  
fitting is mounted adjacent to the central cone to discourage angular mis-orientation of  
the lateral center plate edge reliefs.